

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026285**Date Inspected:** 15-Sep-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1100**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1930**Contractor:** Watson Bowman Associates**Location:** Buffalo, NY**CWI Name:** John Miller**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Hinge A Expansion joint**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Fred Edmondson was present at the Watson Bowman Acme Corporation (WBA) facility, as requested, in Buffalo, New York to observe fabrication activities of the Seismic Expansion Joint Hinge A lanes for the San Francisco Oakland Bay Bridge (SFOBB) project.

This (QA) Inspector met with Watson Bowman Acme Corporation Quality Control (QC) Supervisor John Miller and (KTA-Tator, American Welding Society Certified Welding Inspectors, (AWS CWI) Mr. Reno Davis and Mr. Claude Evans. AWS CWI Evans is assigned to the night shift.

This QAI observed certified welder Jayson Gray (welder ID#J) using the FCAW process (dual shield, 100% CO₂), filler metal TM-811N1, to weld CJP welds on the SEI112667 CA2-8 Channel Assembly (1 of 24). The weld joint in-process was the top plate to back plate CJP groove weld. All welding was being performed in the 1G position. The run off tab does not duplicate the joint detail. Reference attached photo.

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Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI, AWS CWI's Davis, Evans, and WBA personnel .

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Edmondson,Fred	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
